

IMSUT NY Seminar 2023

# Frontiers in Medical Sciences and their Exploding Clinical Applications



Date & Time

February 17(Fri.) 1:00pm~5:00pm

Venue

UTokyo NY Office (21<sup>st</sup> floor, Nippon Club Bldg.)

145 west 57th Street 21st Floor, New York 10019

Registration

Pre-registration is required

Free  
Admission

## Program

CRISPR-Cas3, a Genome Editing Technology, in Genome Therapy

Tomoji Mashimo (IMSUT)

Harnessing CRISPR-Cas systems for next-generation genome engineering

Samuel Sternberg (Columbia Univ.)

Identification of novel genes associated with antimalarial drug resistance in a

*Plasmodium falciparum* genetic cross

Mariko Kanai (Columbia Univ.)

Targeting senescent cells to improve age-related disorders

Makoto Nakanishi (IMSUT)

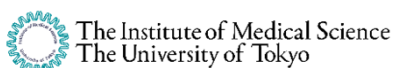
Development of anti-cancer drugs targeting the canonical Wnt signaling pathway

Yoichi Furukawa (IMSUT)

The powerful biology of senescence in cancer and aging

Scott Lowe (Sloan Kettering Institute)

Organized by the Institute of Medical Science, the University of Tokyo (IMSUT)  
Cooperated by UTokyo NY



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For more details →



**IMSUT NY Seminar 2023  
PROGRAM**

**February 17 (Fri.) 13:00 – 17:00**

Facilitator : Yuichiro KUWAMA [The Mount Sinai Hospital ]

13 : 00 – 13 : 10    **Opening remarks / Greeting from Dean of IMSUT**

Yuji YAMANASHI, Dean of IMSUT

13 : 10 – 13 : 40    **CRISPR-Cas3, a Genome Editing Technology, in Genome Therapy”**

Tomoji MASHIMO [IMSUT]

13 : 40 – 14 : 25    **Harnessing CRISPR-Cas systems for next-generation genome engineering**

Samuel STERNBERG [Columbia University]

14 : 25 – 15 : 00    **Identification of novel genes associated with antimalarial drug resistance in a *Plasmodium falciparum* genetic cross**

Mariko KANAI [Columbia University]

15 : 00 – 15 : 15    **COFFEE BREAK**

15 : 15 – 15 : 45    **Targeting senescent cells to improve age-related disorders**

Makoto NAKANISHI [IMSUT]

15 : 45 – 16 : 15    **Development of anti-cancer drugs targeting the canonical Wnt signaling pathway**

Yoichi FURUKAWA [IMSUT]

16 : 15 – 17 : 00    **The powerful biology of senescence in cancer and aging**

Scott H. LOWE [Sloan Kettering Institute]

**Closing remarks**

Makoto NAKANISHI, Vice Dean of IMSUT